

Description

Aerocool launched brand new Integrator power supply series aim to mainstream computing systems. Numbers of SATA connectors for RAID storage, up to 85% efficiency for power saving, and single +12V rail for extreme CPU/GPU power consumption. Good DC quality with lower ripple and noise, and fully protect functions to guard your components in system. No more headache to install by long 20+4P and 4+4P up to 550mm.

Key Features

- **Black Outlook** - Elegant black PSU casing with fully black mesh cables.
- **ATX12V ver.2.31** - Compliant with ATX12V Ver.2.3.
- **High Efficiency** - High efficiency PSU - up to 85% efficiency.
- **Single 12V Rail** - Single 12V rail for high compatibility and extreme high current output.
- **Long Cabling** - Main cable length up to 550mm is easy for high-end tower chassis installation.
- **Two PCIe** - Two PCIe 6+2pin connector for mid-range graphic card.
- **7 SATA** - Up to 7 SATA connectors supports for numbers of hard drives.
- **12cm Silent Fan** - 12cm silent black fan with smart thermal fan speed control circuit.
- **Fully Protection** - Fully protection functions with OVP/UVP/OPP/SCP/SIP.
- **Fully Safety** - Safety and EMC certified by CE and TUV.
- **ECO friendly** - ECO friendly by RoHS and Erp 2013 directives.
- **80+ Certified**

PSU Specifications

AC INPUT: 230 VAC 4.5A 47-53Hz					
DC Output Max	+3.3V	+5V	+12V1	-12V	+5VSB
	20A	17A	46A	0.3A	2.5A
	600W				

Connectors



20+4 Pin Main Connectors:

1



4+4 Pin 12V Connectors:

1



SATA Connectors:

7



4-Pin Molex Connectors:

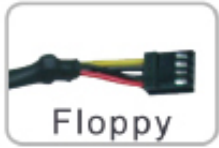
4



6+2 Pin PCI-e Connectors:

2

Floppy Drive Connectors:



1

Detailed Specifications

Dimensions:	150mm x 85mm x 140mm (W x H x D)
Input Voltage:	230 VAC
Input Current:	4.5A
Input Frequency Range:	47-53Hz
PFC:	Active PFC (>.99)
Power Good Signal:	100-500 ms
Hold Up Time:	>17ms
Efficiency:	> 81% (85% max)
MTBF:	> 100,000 Hours
Protection:	OVP / UVP / OPP / OTP / SCP / SIP
Power:	600W
Operation Temperature:	0-40°C
Safety:	CE/FCC/TUV/CB
Cooling:	12cm Fan
Noise:	< 26 dBA
80 Plus Certified:	Yes - 80 Plus

General Specifications

Manufacturer Part Number:	ACP-I600HG
EAN Number:	4713105953244
Has Mains Plug:	Yes
Colour:	Black
What's In The Box:	PSU
Unit (Product) Dimensions (mm):	150mm x 85mm x 140mm (W x H x D)
Packaging Dimensions (mm):	250mm x 95mm x 210mm (W x H x D)
Net Weight (KGs):	1.6 KGs
Gross Weight (KGs):	2 KGs